

FIG. 1

H-RAS TARGETED ANTISENSE OLIGOS:

FULL 2' methoxy	C C A C A C C G A C G G C G C C C
3 BASE RNA GAP	□ □ □ □ □ □ ○ ○ ○ □ □ □ □ □ □
5 BASE RNA GAP	□ □ □ □ □ □ ○ ○ ○ ○ ○ □ □ □ □ □
7 BASE RNA GAP	□ □ □ □ □ ○ ○ ○ ○ ○ ○ ○ ○ □ □ □ □
9 BASE RNA GAP	□ □ □ □ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ □ □ □ □
FULL RNA	○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○

FIG. 2B

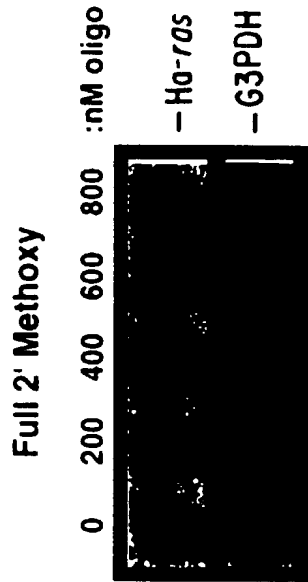
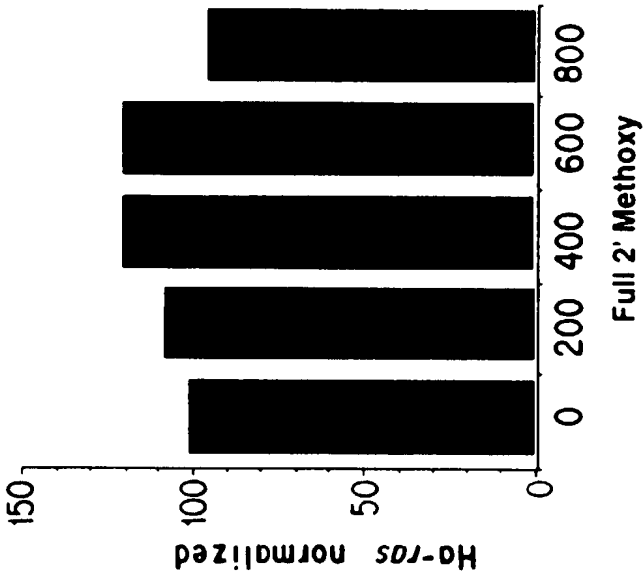


FIG. 2A

FIG. 2D

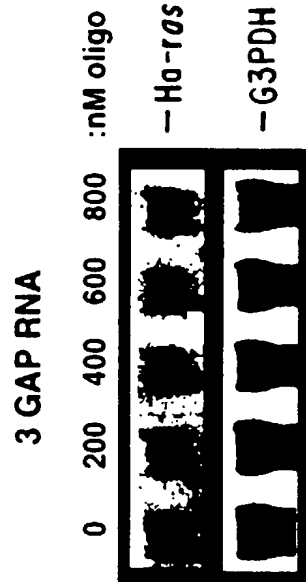
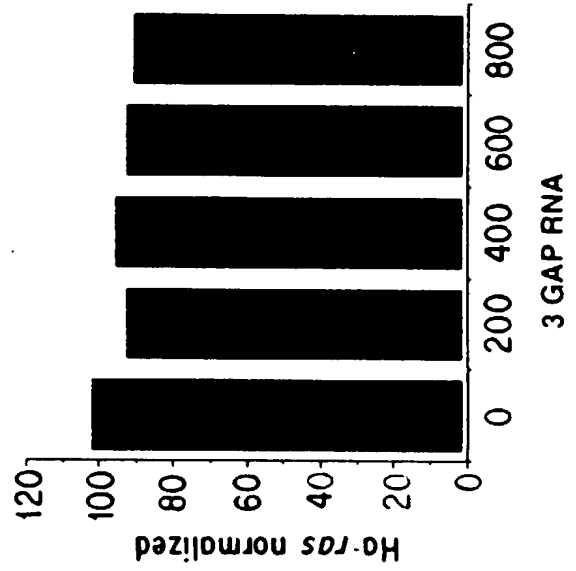


FIG. 2C

9 GAP RNA

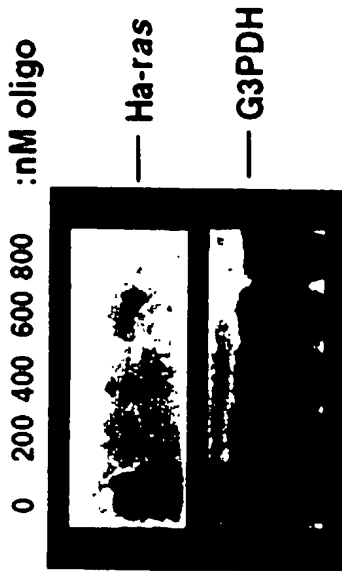


FIG.3C

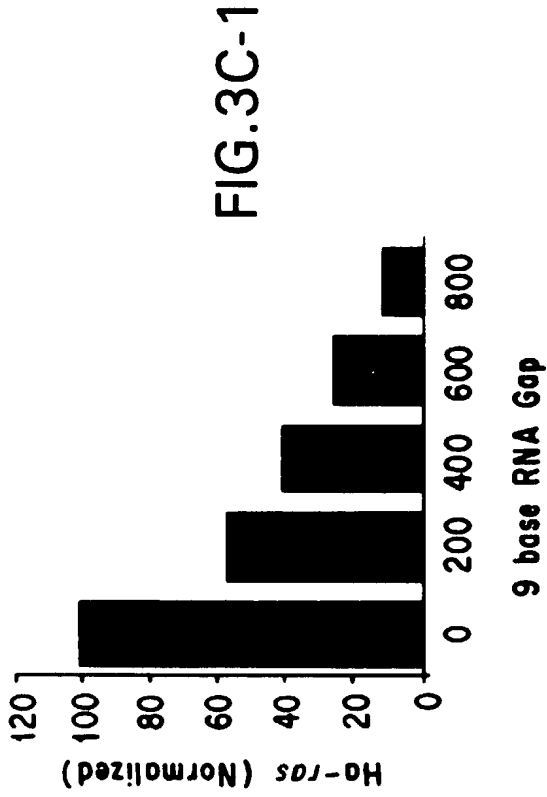


FIG.3C-1

Full RNA

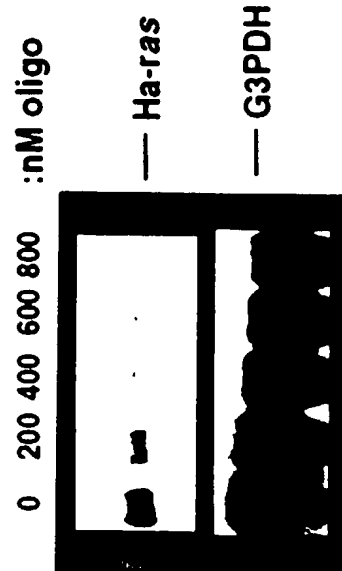


FIG.3D

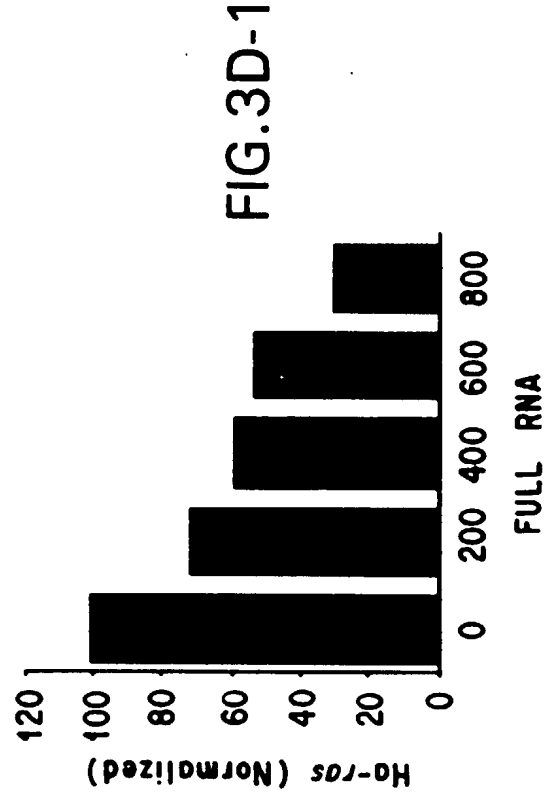
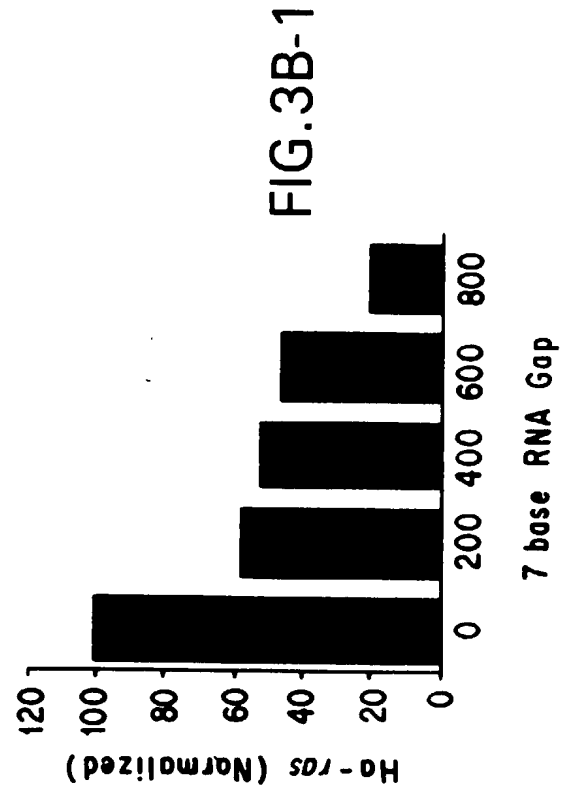
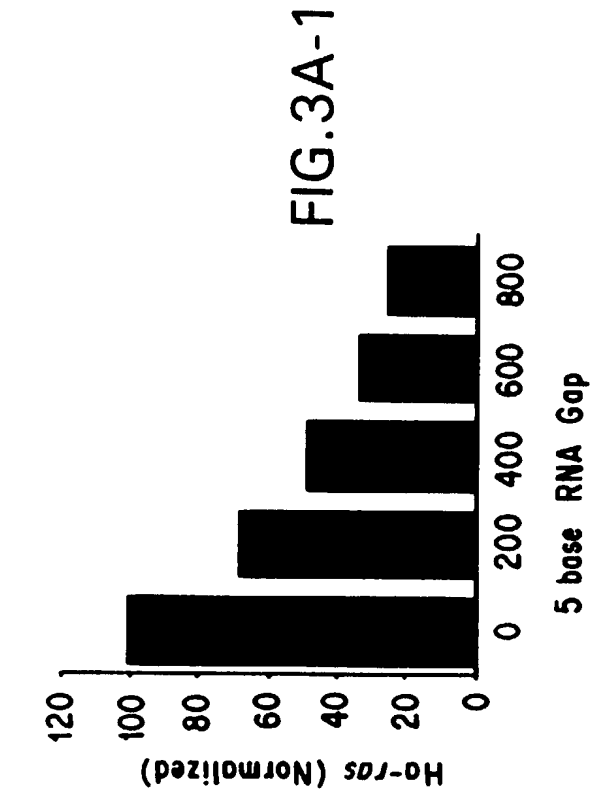


FIG.3D-1



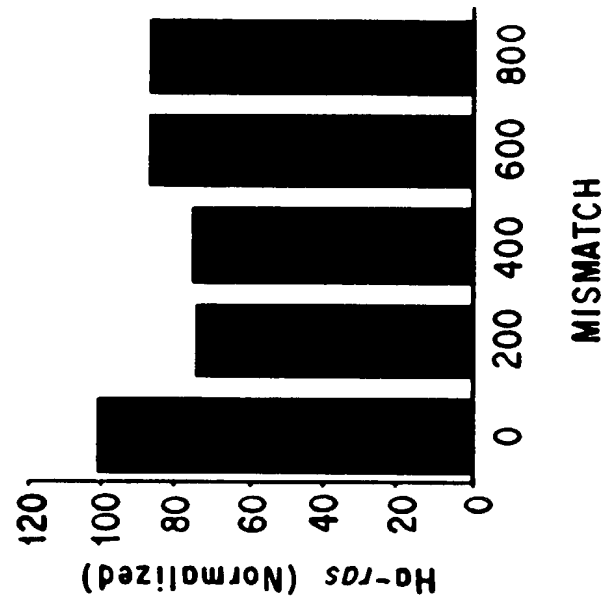


FIG.3E-1

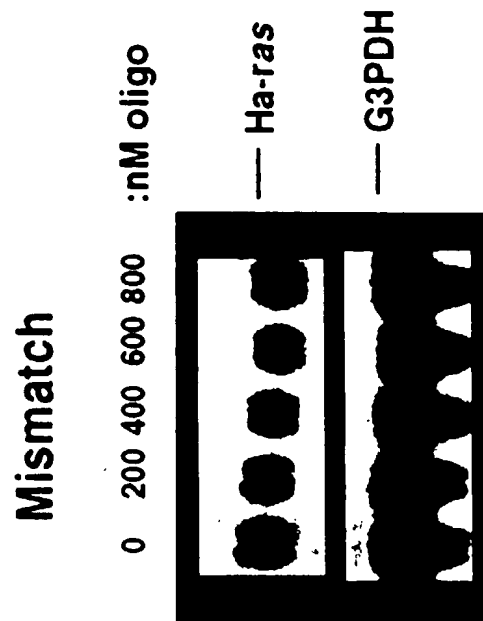


FIG.3E

DUPLEX: (SENSE/9 GAP RNA)

T24

MARKER

EXTRACT (Min)

0 5 15

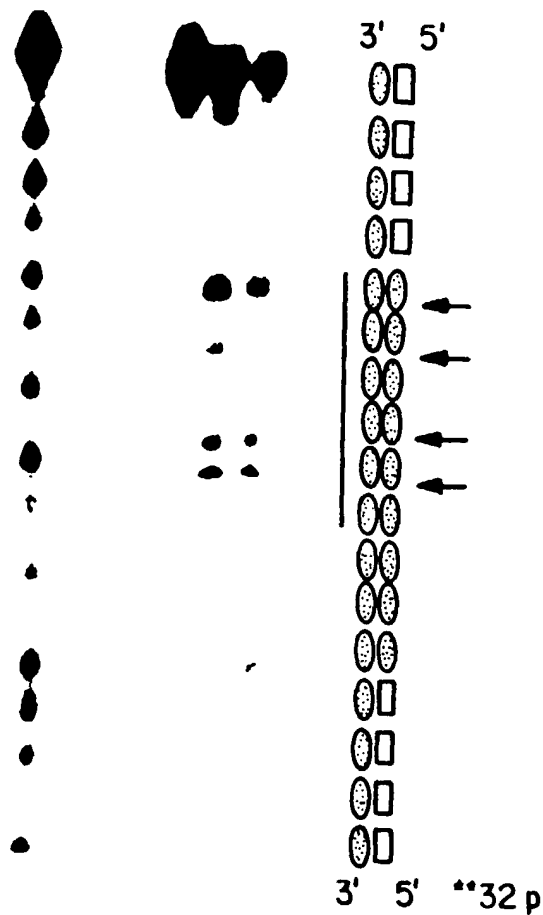


FIG.4

DUPLEX: (SENSE/9 GAP DNA) (SENSE/DNA) (SENSE/9 GAP RNA)

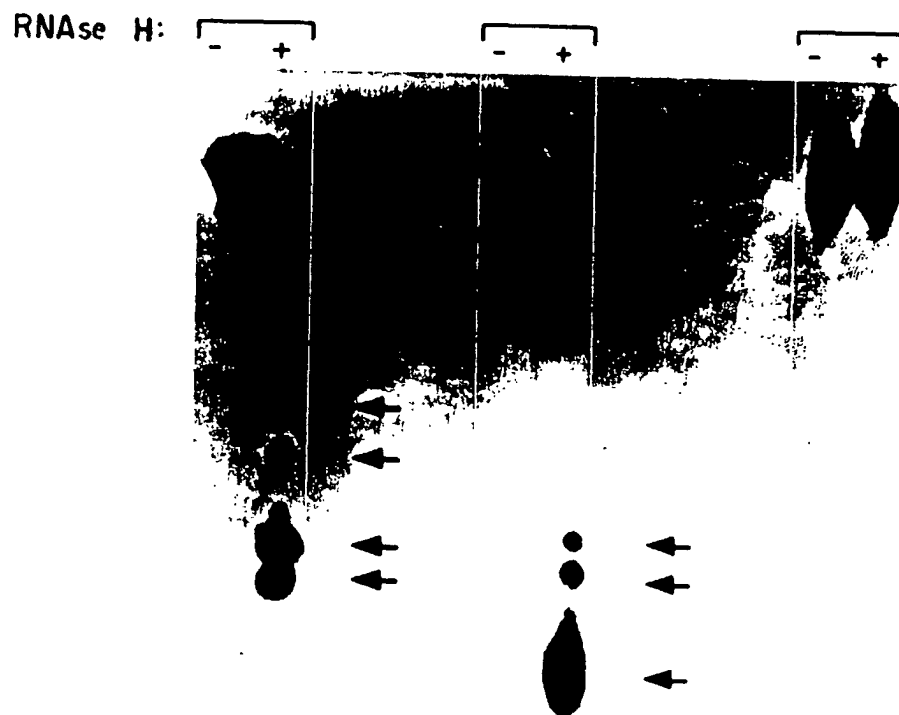


FIG.5

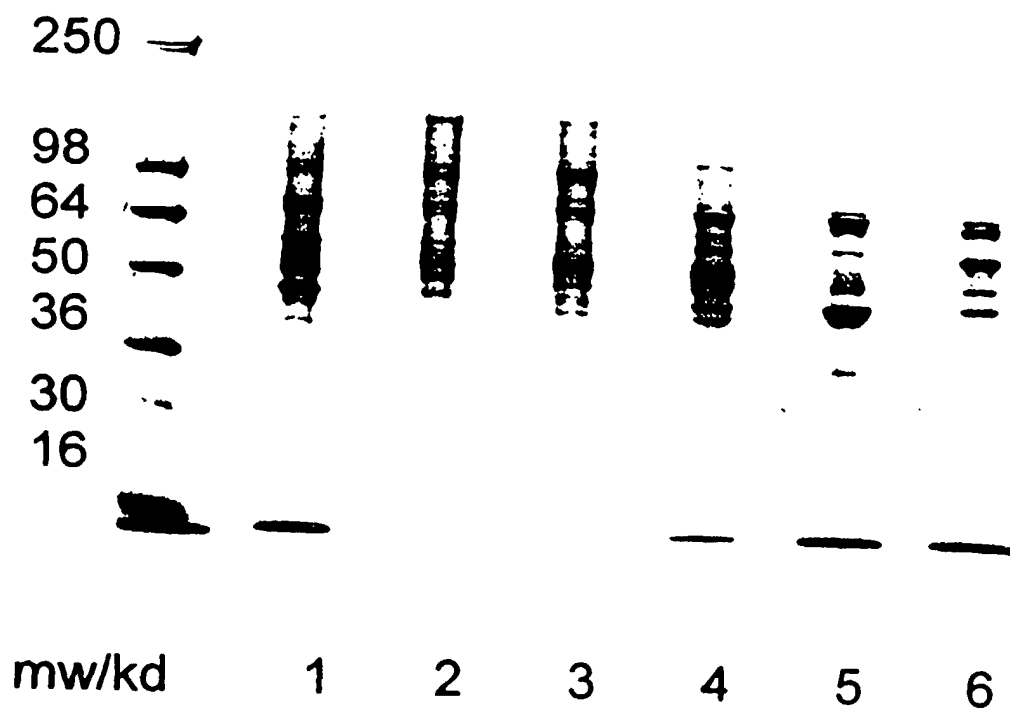


FIG.6

Docket No.: ISIS-5027

Serial No.:

10075949.022002

Title: Oligoribonucleotides and Ribonucleases for Cleaving RNA

Inventor(s): Stanley T. Crooke

Attorney: Gwilym Attwell Attorney Phone No.: 215 568-3100

Sheet 9 of 10

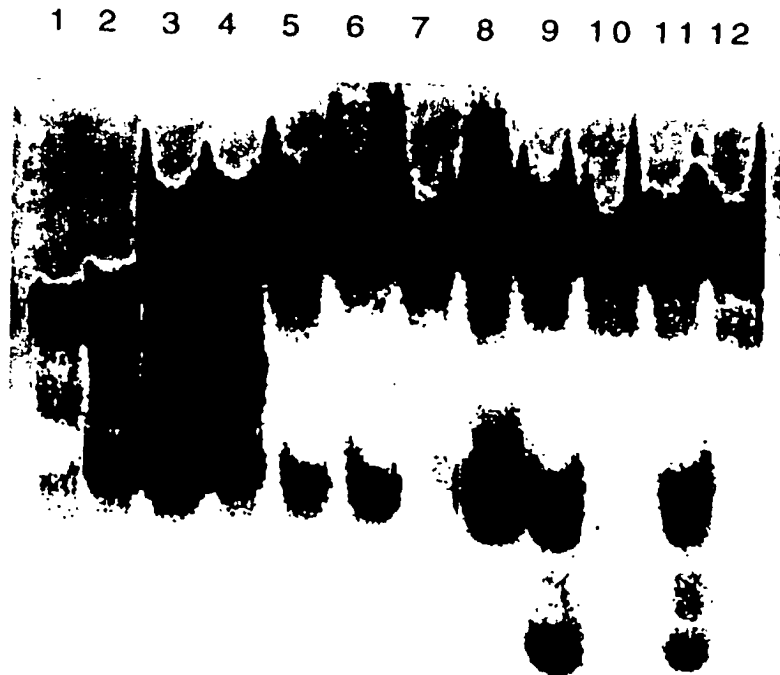


FIG.7

1 2 3 4 5 6 7 8 9 10

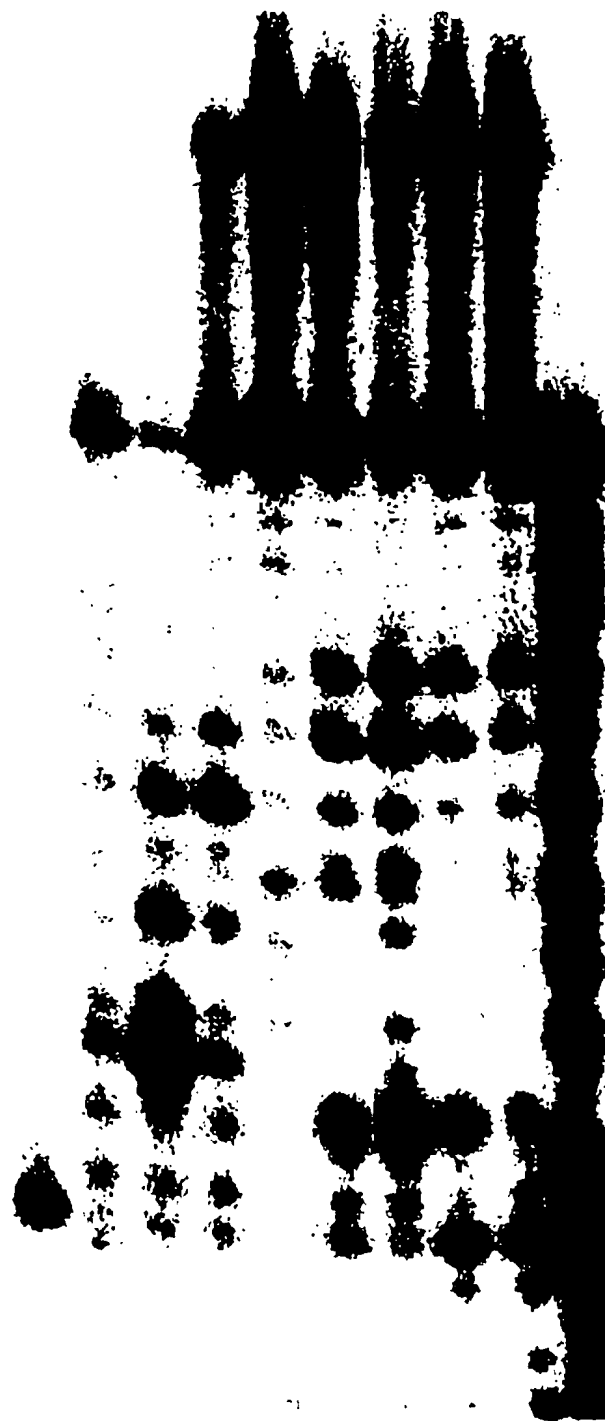


FIG.8